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From: Joanna Alonso-Sida

For internal purposes only:

Date: 2/8/2007

Client number: 81872.0114

Time: 10:11 am

Attorney billing number:

Total number of pages incl. cover page:

12

Confirmation number:

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MESSAGE:**U.S. Application No.: 10/580,633; Our Ref. No.: 81872.0114**

Please add the following inventors Masashi KAMADA, Hiroshi TACHIOKA, Kouichi MARUTA, and Hiroshi OKA as it appears on the Declaration form and the Assignment (copy enclosed) and provide us with the Corrected Filing Receipt at your earliest convenience.

Thank you.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
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Kyocera Corp.

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/580,633	05/25/2006	2855	1880	81872.0114	22	32	1

CONFIRMATION NO. 4369

26021
 HOGAN & HARTSON L.L.P.
 1999 AVENUE OF THE STARS
 SUITE 1400
 LOS ANGELES, CA 90067

FILING RECEIPT



OC000000022025772

Date Mailed: 01/18/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Kazuhisa Momose, Kagoshima, JAPAN;
 Kaoru Matsuo, Kagoshima, JAPAN;
 Shinichi Shimokihara, Kagoshima, JAPAN;
 Hisayuki Inoue, Kagoshima, JAPAN;

Masashi KAMADA, Kagoshima, JAPAN;
 Hiroshi TACHIOKA, Kagoshima, JAPAN;
 Kouichi MARUTA, Kagoshima, JAPAN;
 Hiroshi OKA, Kyoto-shi, Kyoto, JAPAN;

Power of Attorney: The patent practitioners associated with Customer Number 000026021.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/17978 11/26/2004

Foreign Applications

JAPAN 2003-397226 11/27/2003
 JAPAN 2003-398797 11/28/2003
 JAPAN 2003-431559 12/25/2003

If Required, Foreign Filing License Granted: 01/17/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/580,633**

Projected Publication Date: 04/26/2007

Non-Publication Request: No

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JAN 25 2007

DOCKETING

Early Publication Request: No

Title

Pressure sensor device

Preliminary Class

073

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but does not result in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The license has been issued under 37 CFR 5.15(b).

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This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



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 Alexandria, Virginia 22313-1450
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/580,633	Kazuhisa Momose	81872.0114
INTERNATIONAL APPLICATION NO.		
PCT/JP04/17978		
IA. FILING DATE	PRIORITY DATE	
11/26/2004	11/27/2003	
CONFIRMATION NO. 4369		
371 ACCEPTANCE LETTER		
 OC000000022025773		

Date Mailed: 01/18/2007

NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

<u>05/25/2006</u>	<u>05/25/2006</u>
DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE "FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 05/25/2006
- English Translation of the IA filed on 05/25/2006
- Copy of the International Search Report filed on 05/25/2006
- Preliminary Amendments filed on 05/25/2006
- Information Disclosure Statements filed on 05/25/2006
- Oath or Declaration filed on 05/25/2006
- Request for Immediate Examination filed on 05/25/2006
- U.S. Basic National Fees filed on 05/25/2006
- Priority Documents filed on 05/25/2006
- Specification filed on 05/25/2006
- Claims filed on 05/25/2006

- Abstracts filed on 05/25/2006
- Drawings filed on 05/25/2006

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

MAMIE P PERSON
Telephone: (703) 308-9140 EXT 227

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)

DECLARATION
and POWER OF ATTORNEY

ORIGINAL
 CONTINUATION
 DIVISIONAL

As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole Inventor (if only one name is listed as 1 below) or an original, first and joint Inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PRESSURE SENSOR DEVICE

the specification of which is attached hereto unless the following box is checked:

was filed on Nov. 26, 2004 as United States Application Number or PCT International Application Number PCT/JP2004/017978 and was amended on

My residence, post office address and citizenship are as stated below next to my name.

I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations § 1.58(a). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

COUNTRY	APPLICATION NUMBER	DATE OF FILING Month Day Year	PRIORITY CLAIMED UNDER 35 U.S.C. 119
Japan	2003-397226	11/27/2003	Yes
Japan	2003-398797	11/28/2003	Yes
Japan	2003-431559	12/25/2003	Yes

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Serial No.) (Filing Date) (Status)
POWER OF ATTORNEY: As a named Inventor, I hereby appoint the following attorney(s) and/or Agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Customer Number 000026021

Send correspondence to: Customer Number 000026021 Hogan & Hartson LLP,
500 South Grand Avenue, Suite 1900
Los Angeles, California 90071 DIRECT TELEPHONE CALLS TO:
213-337-6700

(Please Print)

1	Name of Inventor Kazuhisa MOMOSE	Residence: CITY Kirishima-shi, Kagoshima, Japan	STATE or COUNTRY Japan
	Post Office Address c/o KYOCERA CORPORATION, Kagoshima Kokubu Plant, 1-1, Kokubu Yamashita-cho, Kirishima-shi, Kagoshima 899-4396, Japan		CITIZENSHIP Japanese
2	Name of Inventor Kaoru MATSUO	Residence: CITY Kirishima-shi, Kagoshima, Japan	STATE or COUNTRY Japan
	Post Office Address c/o KYOCERA CORPORATION, Kagoshima Kokubu Plant, 1-1, Kokubu Yamashita-cho, Kirishima-shi, Kagoshima 899-4396, Japan		CITIZENSHIP Japanese
3	Name of Inventor Shinichi SHIMOKIHARA	Residence: CITY Kirishima-shi, Kagoshima, Japan	STATE or COUNTRY Japan
	Post Office Address c/o KYOCERA CORPORATION, Kagoshima Kokubu Plant, 1-1, Kokubu Yamashita-cho, Kirishima-shi, Kagoshima 899-4396, Japan		CITIZENSHIP Japanese
4	Name of Inventor Hisayuki INOUE	Residence: CITY Kirishima-shi, Kagoshima, Japan	STATE or COUNTRY Japan
	Post Office Address c/o KYOCERA CORPORATION, Kagoshima Kokubu Plant, 1-1, Kokubu Yamashita-cho, Kirishima-shi, Kagoshima 899-4396, Japan		CITIZENSHIP Japanese

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 1 <i>Kazuhisa Momose</i>	SIGNATURE OF INVENTOR 2 <i>花尾 香</i>
DATE <i>May 23rd 2006</i>	DATE <i>5/20/2006</i>
SIGNATURE OF INVENTOR 3 <i>下木原 伸一</i>	SIGNATURE OF INVENTOR 4 <i>井之上 久美</i>
DATE <i>5/19/2006</i>	DATE <i>5/19/2006</i>

DECLARATION
and POWER OF ATTORNEY

ORIGINAL
 CONTINUATION
 DIVISIONAL

As a below named Inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole Inventor (if only one name is listed as 1 below) or an original, first and joint Inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the Invention entitled:

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Japan	2003-398767	11/28/2003	Yes
Japan	2003-431559	12/25/2003	Yes

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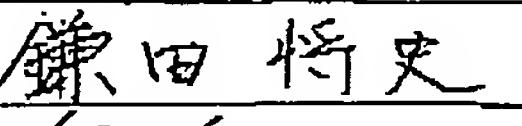
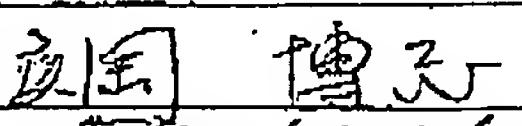
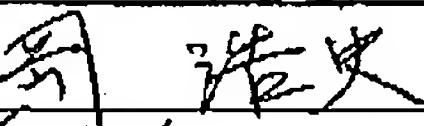
(Application Serial No.) (Filing Date) (Status)
POWER OF ATTORNEY: As a named Inventor, I hereby appoint the following attorney(s) and/or Agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Customer Number 000026021

Send correspondence to: Customer Number 000026021 Hogan & Hartson LLP.
500 South Grand Avenue, Suite 1900
Los Angeles, California 90071 DIRECT TELEPHONE CALLS TO:
213-337-8700

(Please Print)

5	Name of Inventor Masashi KAMADA	Residence: CITY Kirishima-shi, Kagoshima, Japan	STATE or COUNTRY Japan
	Post Office Address c/o KYOCERA CORPORATION, Kagoshima Kokubu Plant, 1-1, Kokubu Yamashita-cho, Kirishima-shi, Kagoshima 899-4396, Japan		CITIZENSHIP Japanese
6	Name of Inventor Hiroshi TACHIOKA	Residence: CITY Kirishima-shi, Kagoshima, Japan	STATE or COUNTRY Japan
	Post Office Address c/o KYOCERA CORPORATION, Kagoshima Kokubu Plant, 1-1, Kokubu Yamashita-cho, Kirishima-shi, Kagoshima 899-4396, Japan		CITIZENSHIP Japanese
7	Name of Inventor Kouichi MARUTA	Residence: CITY Kirishima-shi, Kagoshima, Japan	STATE or COUNTRY Japan
	Post Office Address c/o KYOCERA CORPORATION, Kagoshima Kokubu Plant, 1-1, Kokubu Yamashita-cho, Kirishima-shi, Kagoshima 899-4396, Japan		CITIZENSHIP Japanese
8	Name of Inventor Hiroshi OKA	Residence: CITY Kyoto-shi, Kyoto, Japan	STATE or COUNTRY Japan
	Post Office Address c/o KYOCERA CORPORATION, 6, Takeda Tobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8501, Japan		CITIZENSHIP Japanese

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 5 	SIGNATURE OF INVENTOR 6 
DATE <u>5/19/2006</u>	DATE <u>5/20/2006</u>
SIGNATURE OF INVENTOR 7 	SIGNATURE OF INVENTOR 8 
DATE <u>5/19/2006</u>	DATE <u>5/18/2006</u>

Feb-08-07 11:57 From-HOGAN and HARTSON

+2133376701

T-479 P.010/012 F-713

017953/0315 PAGE 2

ASSIGNOR:

→ MARUTA, KOUICHI

DOC DATE: 05/19/2006

ASSIGNOR:

→ OKA, HIROSHI

DOC DATE: 05/18/2006

ASSIGNEE:

KYOCERA CORPORATION
6, TAKEDA TOBADONO-CHO, FUSHIMI-
KU, KYOTO-SHI
KYOTO, JAPAN 612-8501

SERIAL NUMBER: 10580633

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: PRESSURE SENSOR DEVICE

KIMBERLY WHITE, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Form PTO-1595
1-3-92

06-07-2006



103252132

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kazuhisa MOMOSE signed 5/23/06; Kaoru MATSUO signed 5/20/06
Shinichi SHIMOKIHARA and Hisayuki INOUE both signed 5/19/06
Masashi KAMADA signed 5/19/06; Hiroshi TACHIOKA signed 5/20/06
Kouichi MARUTA signed 5/19/06; Hiroshi OKA signed 5/18/06

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment

Execution Date: May 18, 19, 20 and 23, 2006

2. Name and address of receiving party(ies):

KYOCERA CORPORATION
6, Takeda Tobadono-cho, Fushimi-ku,
Kyoto-shi, Kyoto 612-8501 Japan

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: May 23, 2006

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Lawrence J. McClure, Esq.
HOGAN & HARTSON LLP.
500 South Grand Avenue, Suite 1900
Los Angeles, CA 90071

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) \$40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:

50-1314

(Attach duplicate copy of this page if paying by deposit account)

06/01/2006 GFREY1 00000107 103252133

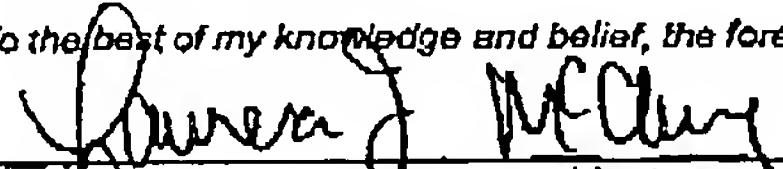
40.00 OP

07-8021

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.


Lawrence J. McClure

Date: May 25, 2006

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:

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Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

WLA - T2781/0300 - 265154 v1

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) Kazuhisa MOMOSE
 (2) Kaoru MATSUO
 (3) Shinichi SHIMOKIHARA
 (4) Hisayuki INOUE

(5) Masashi KAMADA
 (6) Hiroshi TACHIOKA
 (7) Kouichi MARUTA
 (8) Hiroshi OKA

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert name of Assignee

(9) KYOCERA CORPORATION

(10) Insert state of Incorporation of Assignee

(10)

(11) Insert address of Assignee

(11) of 6, Takeda Tobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8501, Japan (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) Insert identification of Invention, such as Title, Case Number or Foreign Application Number

(12) PRESSURE SENSOR DEVICE

for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

(13) Insert Date of Signing of Application

(13) on

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints STUART LUBITZ, Reg. No. 20,680; LOUIS A. MOK, Reg. No. 22,585; JOHN P. SCHERLACHER, Reg. No. 23,009; WILLIAM H. WRIGHT, Reg. No. 36,312; DAVID LUBITZ, Reg. No. 38,229; WEI-NING YANG, Reg. No. 38,690; ALFRED A. D'ANDREA, JR., Reg. No. 27,752; WILLIAM J. KUBIDA, Reg. No. 29,664; STUART T. LANGLEY, Reg. No. 33,940; MICHAEL BYORICK, Reg. No. 34,131; CAROL W. BURTON, Reg. No. 35,465; STEVEN C. PETERSON, Reg. No. 36,238; STEVEN K. BARTON, Reg. No. 36,445; SARAH S. O'ROURKE, Reg. No. 41,226; E. MATTHEW G. DYOR, Reg. No. 42,278, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 5/23/2006 Signature of Inventor Kazuhisa Momose
 Date: 5/20/2006 Signature of Inventor Kaoru Matsu
 Date: 5/19/2006 Signature of Inventor Shinichi Shimokihara
 Date: 5/19/2006 Signature of Inventor Hisayuki Inoue
 Date: 5/19/2006 Signature of Inventor Masashi Kamada
 Date: 5/20/2006 Signature of Inventor Hiroshi Tachioka
 Date: 5/19/2006 Signature of Inventor Kouichi Maruta
 Date: 5/18/2006 Signature of Inventor Hiroshi Oka